## REVIEWING THE SECURITY OF TRUSTED SOFTWARE COMPONENTS

## **Abstract**

An analysis tool provides a call path set for reviewing the security of trusted software components during development. By examining the usage of permissions in programs and libraries within a managed execution environment, potential gaps in the security of trusted components may be identified. A call graph generator creates a permission-sensitive call graph. A call graph analyzer evaluates the permission-sensitive call graph to highlight call paths that may present security risks.